

# Manhole Inspection Summary

# Manhole # S45C\_\_040MH

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**Inspection**  Is Incomplete Rating: **3) Fair**

Record Plat: **45C** Node: **040** Status: **Found**

Insp Date: **8/21/08 8:39 AM**

Incomplete Comments

Crew: **jf,ct**  
Inspector: **Taylor, C**  
Firm: **JV**

**Location** Address: **Washington**

Cross Street: **Fayette**

**Manhole** Type: **Inline** Location: **Roadway** Ground Conditions: **Dry**

Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments **Complete**

**Cover** Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties:  Bolted  Vented  Water Tight  Water Tight Insert

**Frame** Offset: **1** (in.) Condition:  Sound  Cracked  Leaks

**Chimney / Frame Adjustment**  Exists Material: **Brick**  Parged Height: **18** (in.)

Condition:  Sound  Cracked  Root Intrusion  **Loose Brick**  Deteriorated

Infiltration:  None  Joint  Cracks  **Mortar**  Roots  Wall

**Corbel** Material: **Brick**  Parged Type: **Concentric/Eccentric**

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  Mortar  Roots  **Wall**

**Barrel** Material: **Brick**  Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  Mortar  Roots  **Wall**

**Bench**  Exists Material: **Brick**  Parged

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  Debris

**Channel** Material: **Brick**  Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  Debris

**Steps** Count: **6** Missing: **0**  **Corroded**

**Surcharge**  Evidence Of Surcharge Depth: (ft.)  Active Surcharge Present

Location View



Top View



Defect 1



Loose brick

Defect 2



Infiltration

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8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **9.90** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  Debris  Grease  
Silt Depth: (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**  
 Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **9.65** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  Debris  Grease  
Silt Depth: (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**  
 Possible Illicit Connection